3,553,364

[54]		O-STATIC DEVICE WITH G ELECTRODE	3,897,997	8/1975	Kalt 350/161
[76]	Inventor:	Charles G. Kalt, Hawthorne Road, Williamstown, Mass. 01267	Primary Examiner-William L. Sikes		
[22]	Filed:	May 27, 1975			
[21]	Appl. No.: 580,572				
	Related U.S. Application Data		[57]		ABSTRACT
[63]	63] Continuation-in-part of Ser. No. 495,189, Aug. 8, 1974, Pat. No. 3,897,997, and a continuation-in-part of Ser. No. 438,574, Feb. 1, 1974, abandoned, which is a continuation-in-part of Ser. No. 294,590, Oct. 3, 1972, abandoned.		An electrostatic device includes a fixed electrode to which is attached an end edge of a coiled or curved variable resilient sheet electrode. An insulative layer separates the two electrodes, being either bonded to the fixed electrode or being bonded to the resilient electrode. The resilient variable electrode is caused to		
[52]	<b>U.S. Cl350/161;</b> 350/269; 350/285				
[51]	Int. Cl. <sup>2</sup>	G02F 1/16	G02F 1/16 unroll upon the application of an electric potential be-		
[58]		earch 350/161, 266, 269, 285; 178/7.3 D, 7.5 D	tween the two electrodes. The device is particularly adaptable for use as a light gate. It is capable of being actuated by an electrical potential either in a light		
[56]	6] References Cited transmission			on mode or in a variable reflectivity mode.	
	UNI	TED STATES PATENTS		-	

1/1971 Lee...... 350/269

33 Claims, 18 Drawing Figures

